

**SECTION A**

No changes were made to Best Management Practices during the reporting year from the County of DuPage 2018 Notice of Intent, Permit No. ILR40 0502 dated May 4, 2018.

**SECTION B****Section A:****Public Education and Outreach****A1. Distribution of Paper Material****Goal:**

*DCSM has created several handouts and brochures pertaining to sources of pollutants in waterways and water quality BMPs. These, as well as handouts from other entities, are distributed at public events, and are available at the office of each co-permittee MS4. These materials are also available online. Informational topics include rain barrels, rain gardens, native plants, other green infrastructure techniques, citizen monitoring of waterways and seasonal BMPs for the spring, summer, fall and winter. These materials will be updated as needed to incorporate new and updated information, including the effects of climate change on stormwater impacts. Each co-permittee is responsible for making educational materials available in their office and on their websites.*

**Milestone:**

*Update or create 2 digital or print materials for distribution by partner agencies.*

**Status:**

During the reporting year, DuPage County Stormwater staff created or updated the following educational materials:

Brochures

- Unincorporated Residential Drainage
- Professionals Guide to Landscaping
- Updated all brochures to include climate change information

These and other educational materials are distributed at events, at the DuPage County offices, are shared with municipalities and townships for distribution, and are available on our website:

[https://www.dupageco.org/EDP/Stormwater\\_Management/1163/](https://www.dupageco.org/EDP/Stormwater_Management/1163/)

Co-permittees made available these and other materials available in offices, posted on websites and/or by providing a link to the DuPage County website.

**A2. Speaking Engagement****Goal:**

*DCSM will coordinate, host, and present at least one workshop in each watershed per year on topics including water quality efforts for the watersheds, methods for pollutant reduction, during and after construction BMPs, native vegetation, and green infrastructure. Presentations will include information on the potential impacts and effects of stormwater discharge due to climate change as applicable. Each partner agency will be responsible for promoting and advertising workshops within their jurisdictions.*

**Milestone:**

*Conduct 7 presentations per year.*

**Status:**

DuPage County Stormwater staff presents at and hosts educational workshops and conferences throughout the county to educate the general public as well as professionals about water quality trends and issues. Workshops are held in every major watershed at least twice per year. Some of these workshops are open to all members of the public, while others are specific training for stormwater professionals. The following presentations were made by DuPage County Stormwater staff during the reporting year:

Event	Date	Location	# of Attendees	NPDES Category	Involvement
2018 IAFSM Annual Conference	3/14/2018	Regional	500	Education & Outreach	Presenter
Downers Grove South H.S. Quarry Tour	4/3/2018	Downers Grove	30	Education & Outreach	Host/Quarry Tour
Downers Grove South H.S. Quarry Tour	4/6/2018	Downers Grove	40	Education & Outreach	Host/Quarry Tour
East Branch DuPage River Watershed Workshop	4/20/2018	East Branch Watershed	50	Education & Outreach	Sponsor/Presenter
York High School Quarry Tour	4/24/2018	Elmhurst	50	Education & Outreach	Host/Quarry Tour
West Branch DuPage River Watershed Workshop	4/27/2018	West Branch Watershed	50	Education & Outreach	Sponsor/Presenter
Salt Creek Watershed Workshop	5/11/2018	Salt Creek Watershed	50	Education & Outreach	Sponsor/Presenter

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Jackson Elementary School STEM Presentation	5/14/2018	Elmhurst	100	Education & Outreach	Presenter
Elmhurst Quarry Teacher Tour	5/31/2018	Elmhurst	30	Education & Outreach	Host/Quarry Tour
Sugar Creek Watershed Plan Public Meeting	6/27/2018	Sugar Creek Watershed	50	Education & Outreach	Presenter
Calument Stormwater Collaborative	8/3/2018	Countywide	50	Education & Outreach	Presenter
DuPage River Feasibility Study Meeting	8/15/2018	Countywide	200	Education & Outreach	Host/Presenter
Graue Mill Project Ceremony	9/11/2018	Hinsdale	100	Education & Outreach	Host/Presenter
East Branch Watershed Workshop	10/3/2018	East Branch Watershed	50	Education & Outreach	Host/Presenter
West Branch Watershed Workshop	10/4/2018	West Branch Watershed	50	Education & Outreach	Host/Presenter
Salt Creek Watershed Workshop	10/24/2018	Salt Creek Watershed	50	Education & Outreach	Host/Presenter
Museum of Science & Industry Jr. Science Café	11/29/2018	Countywide	50	Education & Outreach	Presenter
Green Infrastructure Seminar for MS4 Communities	12/13/2018	Countywide	200	Education & Outreach	Host/Presenter
Downers Grove North Quarry Tour	2/20/2019	Downers Grove	50	Education & Outreach	Host/ Quarry Tour

### A3. Public Service Announcement

**Goal:**

*DCSM will utilize technology to enhance outreach efforts detailing water quality trends and highlighting practices that can reduce the transport of pollutants into waterways. DCSM will promote informational outlets using a Stormwater Management monthly e-newsletter, direct media relations, press releases and advisories to promote seasonal BMPs, events, and other stormwater-related news.*

**Milestone:**

*Broadcast 12 messages within the permit area detailing water quality trends.*

**Status:**

During the reporting year, DuPage County Stormwater staff disbursed information throughout the countywide co-permittee area on water quality trends, largely through social media.

- Monthly Newsletter with nearly 9,000 subscribers  
<http://www.dupageco.org/stormwater/news.aspx>
- Facebook, Twitter & Instagram with more than 700 followers  
[www.twitter.com/lovebluedupage](http://www.twitter.com/lovebluedupage)  
[www.facebook.com/lovebluedupage](http://www.facebook.com/lovebluedupage)  
[www.instagram.com/lovebluedupage](http://www.instagram.com/lovebluedupage)
- YouTube with 20 outreach/training videos with approximately 13,000 combined views  
<https://www.youtube.com/user/lovebluelivegreen>

**A4. Community Event****Goal:**

*DSCSM will coordinate with partner agencies to present at community events in each watershed on topics including water quality efforts for the watersheds and pollutant reduction, native vegetation, and green infrastructure.*

**Milestone:**

*Host or attend 3 events per watershed per year to educate the public on water quality topics.*

**Status:**

DuPage County Stormwater staff attends, presents at, and hosts events throughout the county to educate the public about water quality topics and issues. Many of these events are open to all members of the public. During the reporting year, DuPage County Stormwater staff hosted and attended the following events:

Events hosted /attended/ presented at by DuPage County staff

<b>Event</b>	<b>Date</b>	<b>Location</b>	<b># of Attendees</b>	<b>NPDES Category</b>	<b>Involvement</b>
Green STEM: Water Dynamics	3/2/2018	Countywide	20	Education & Outreach	Sponsor/Host
Meadows Glens Elementary School STEM Night	3/14/2018	Naperville	639	Education & Outreach	Exhibit
Water Conservation Workshop & McDonald Farm Tour	3/25/2018	Countywide	50	Education & Outreach	Sponsor
Downers Grove South H.S. Quarry Tour	4/3/2018	Downers Grove	30	Education & Outreach	Host/Quarry Tour
Downers Grove South H.S. Quarry Tour	4/6/2018	Downers Grove	40	Education & Outreach	Host/Quarry Tour
Naperville Park District Water Quality Flag	4/12/2018	Naperville	20	Education & Outreach	Sponsor
2018 Sustainable Design Challenge	4/17/2018	Countywide	200	Education & Outreach	Sponsor/Host

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Flood Awareness Open House	4/19/2018	Lisle	100	Education & Outreach	Participant
Naperville Park District Earth Day Fair	4/22/2018	Naperville	100	Education & Outreach	Exhibit
York High School Quarry Tour	4/24/2018	Elmhurst	50	Education & Outreach	Host/Quarry Tour
College of DuPage STEM-CON	4/28/2018	Countywide	200	Education & Outreach	Exhibit
Warrenville Arbor Day	4/28/2018	Warrenville	100	Education & Outreach	Exhibit
Molex Earth Week	5/2/2018	Countywide	50	Education & Outreach	Exhibit
Henry Puffer Elementary School Water Quality Flag	5/8/2018	Downers Grove	150	Education & Outreach	Sponsor
Pollution Prevention Seminar for MS4 Communities	5/10/2018	Countywide	200	Education & Outreach	Host
Stevenson Elementary School Water Quality Flag	5/11/2018	Lombard	200	Education & Outreach	Sponsor
Wheaton Park District Water Quality Flag	5/16/2018	Wheaton	20	Education & Outreach	Sponsor
Schafer Elementary School Water Quality Flag	5/18/2018	Lombard	200	Education & Outreach	Sponsor
Elmhurst Quarry Teacher Tour	5/31/2018	Elmhurst	30	Education & Outreach	Host/Quarry Tour
Downers Grove Public Works Open House	6/7/2018	Downers Grove	100	Education & Outreach	Exhibit
SCARCE: Where Does Water Go?	6/18/2018	Countywide	25	Education & Outreach	Sponsor

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Itasca Community Library Water Quality Flag	6/19/2018	Itasca	10	Education & Outreach	Sponsor
Downers Grove Rotary Grovesfest	6/25/2018	Downers Grove	50	Education & Outreach	Exhibit
Bensenville Public Works Open House	7/7/2018	Bensenville	100	Education & Outreach	Exhibit
DuPage County Fair	7/25-7/29	Countywide	500	Education & Outreach	Exhibit
Westmont Cruisin' Nights	7/26/2018	Westmont	100	Education & Outreach	Exhibit
Hanover Park 60th Anniversary Family Fest	8/11/2018	Hanover Park	100	Education & Outreach	Exhibit
DuPage County Senior Fair	8/15/2018	Countywide	100	Education & Outreach	Exhibit
SCARCE Green Fair	9/15/2018	Countywide	300	Education & Outreach	Exhibit/Sponsor
Adopt-a-Stream Kick Off	9/27/2018	Countywide	15	Education & Outreach	Sponsor
Carol Stream Water Reclamation Center Open House	10/6/2018	Carol Stream	100	Education & Outreach	Exhibit
Chloride Reduction Workshop (Sidewalks & Parking Lots)	10/18/2018	Countywide	150	Education & Outreach	Host/Sponsor
Chloride Reduction Workshop (Roads)	10/25/2018	Countywide	150	Education & Outreach	Host/Sponsor
DuPage Water Commission Water Quality Flag Ceremony	1/17/2019	Elmhurst	50	Education & Outreach	Host

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West Branch Watershed Workshop	1/24/2019	West Branch Watershed	50	Education & Outreach	Host/Sponsor
East Branch Watershed Workshop	2/7/2019	East Branch Watershed	50	Education & Outreach	Host/Sponsor
Salt Creek Watershed Workshop	2/20/2019	Salt Creek Watershed	50	Education & Outreach	Host/Sponsor
Downers Grove North Quarry Tour	2/20/2019	Downers Grove	50	Education & Outreach	Host/ Quarry Tour

Events hosted /attended/ presented at by co-permittees

Addison Township	Electronics Recycling, Rain Barrels available to residents through Upcycle-products website
Bensenville	Annual Public Works Open House
Burr Ridge	Electronics Recycling, Health and Safety Expo
Carol Stream	Wastewater Treatment Plant Open House, Pond & Stream Sweep, Earth Day Cleanup & Student Monitoring, Arbor Day Tree Planting, Rx Drop Box
Downers Grove	Health and Safety Fair
Elmhurst	Community Events with TCF
Glen Ellyn	Prairie Path Cleanup & Recycle Extravaganza, Earth Day Celebration, River Sweep, Water Conservation Made Easy
Glendale Heights	Health and Safety Fair
Hanover Park	Family Fest Event
Itasca	Green Day, River Sweep, tree planting, Canon volunteers, grease collection,
Lisle	Flood Awareness Meeting,
Lisle Township	Senior Car Care Clinic
Oak Brook	Fullersburg Dam Public Meeting
Roselle	FEMA Mapping Town Hall Meeting
Villa Park	E-Waste Monthly Electronic Recycling, Spring Sweep Recycling Event

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Warrenville	Public Works Open House
Wayne Township	Rain Barrel Sale, Native Plant Sale
West Chicago	Annual Blooming Fest
Wheaton	Pumpkin Composting, Native Plant Sale, Paper Shredding
Winfield Township	Open House, Annual Town Meeting, Homeowner Meeting
Woodridge	Arbor Day, Community Cleanup Day, Community Bikepath, Town Meeting, Woodridge Rotary Recycling Extravaganza, Christmas Tree Light Recycling, Christmas Tree Recycling,
York Township	Touch A Truck for Lombard Park District, York Park District & Salt Creek School

Events hosted/ attended by S.C.A.R.C.E. - supported by DuPage County:

Date	Education	Type	Group	Town	# of Participants
3/3/2018	RB, LP, Q&Q, Rx, COR	COM.	Girl Scouts	Downers Grove	18
3/6/2018	Rx, COR	COM.	Rotary Club	Woodridge	12
3/8/2018	WSM, RB, NP, SWM, BMP, Q&Q, Rx, COR, Phos., Nutrient Load, LP	COM.	Glen Ellyn Environmental / One Earth Film Festival / College of DuPage	Glen Ellyn	77
3/7/2018	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	18
3/10/2018	RB, NP, PP, SWM, BMP, HHW, Q&Q, RX, COO, COC, PHOS, NL, ER, AB, RE, LP, GC	COM.	DuPage Organic Garden Club	Carol Stream	83
3/12/2018	Sustainable Design Challenge Planning Meeting	GOV.	DuPage County Health Department	Wheaton	3

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3/13/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	28
3/13/2018	RB, LP, Q&Q, Rx, COR	COM.	Cub Scouts	Clarendon Hills	13
3/13/2018	RB, NP, PP, SWM, BMP, Q&Q, Rx, COC, COO, COR, LP, Phos., Nutrient Load, Upcoming Events	COM.	Twig & Bloom Garden Club	Glen Ellyn	12
3/14/2018	BMP, Q&Q, Rx, GC, COR, COC, COO, Upcoming Events, Program & Workshop Opportunities	COL.	Midwestern University	Downers Grove	17
3/15/2018	Pesticides, NP, Nutrient Load	COM.	Glen Ellyn Womens Club	Glen Ellyn	6
3/19/2018	COR Location Set - up	GOV.	Bensenville Wastewater	Bensenville	1
3/20/2018	Program Opportunities, Upcoming Events, Newsletters, Q&Q, Watersheds, SWM, Phos., Nutrient Load, LP, GC, Stormdrain Medallions, Lead - Free Hoses, Rx, AB, RB, PP, NP, GR, COR	GOV.	Itasca Library	Itasca	5
3/21/2018	RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos. , Nutrient Load, WSM, LP	GOV.	Itasca Library	Itasca	12
	COR, Leak Detection Tablets	GOV.	West Chicago Environmental Commission	West Chicago	7
3/23/2018	Planning Meeting for Grad Credit Summer Workshop	COL.	University of St. Francis	Joliet	1
3/27/2018	Staff Training Program Opportunities & Workshops, WQF, Pesticides, Phos., Fertilizer, Nutrient Load, NP, LP, PP, GR,	GOV.	Naperville Park District	Naperville	11

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	GC, SWM, BMP, Road Salt, COO, COC, Q&Q				
3/27/2018	BMP, COO, COC, Phos., Fertilizers, Nutrient Load, LP, NP, Program & Workshop , SWM, Upcoming Events	GOV.	Naperville Park District	Naperville	43

4/2/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Scouts	Glen Ellyn	12
4/3/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	B	Invesco	Downers Grove	8
4/9/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., Nutrient Load, LP	COM.	Girl Scouts	Wheaton	15
4/9/2018	Q&Q, LP, SWM, BMP	B	Hendrickson International	Woodridge	80
4/10/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Wheaton	15
4/11/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	19
4/12/2018	Q&Q, LP, BMP, Rx, GC, RB, NP, COR	COM.	Girl Scouts	Glen Ellyn	21
4/12/2018	Water Quality Flag Ceremony	GOV.	Naperville Park District	Naperville	23
4/18/2018	RB, NP, PP, SWM, BMP, RX, Q&Q, COR, GC, LP	B	CoreCentric	Carol Stream	220
4/19/2018	COC, COO, Rx, Phos., Nutrient Load	GOV. / COM.	Aurora Public Library - Third Thursday	Aurora	14
4/21/2018	Rx, COR	GOV. / COM.	Wheaton Park District	Wheaton	70
4/22/2018	Leak Detection Tablets, Rx, Q&Q, BMP, COR, COC	GOV. / COM.	Glen Ellyn Park District	Glen Ellyn	150

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4/22/2018	SDC, Rx, COR, BMP, Q&Q, LP, SWM, COC	GOV./COM.	Naperville Park District	Naperville	280
4/25/2018	Flooding in DuPage, SWM, Rx	GOV./COM.	Impact DuPage	Medinah	70
4/25/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., Nutrient Load, LP	GOV.	Wheaton Park District	Wheaton	8
4/26/2018	LP, Q&Q, BMP, Expanding the Pick - Up 5 Initiative	GOV.	Forest Preserve District of DuPage County	DuPage County	5
4/26/2018	RB, NP, SWM, BMP, Q&Q, Rx, COC, COO, COR, GC, LP	B	SWM International	West Chicago	30
4/27/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	13
4/27/2018	Q&Q, BMP, COC, COO, RB, NP, Phos., Nutrient Load, Rx, COR, LP, GC	B	FP	Addison	13
4/28/2018	NP, SWM, BMP, Rx	GOV./COM.	City of Wheaton	Wheaton	486
4/30/2018	Q&Q, BMP, COC, COO, RB, NP, Phos., Nutrient Load, Rx, COR, LP, GC	B	Subaru	Itasca	25
5/2/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	24
5/3/2018	RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	22
5/5/2018	Growin Green Garden Market	COM.	SCARCE	Glen Ellyn	350
5/5/2018	Composting Workshop for Community Residents, RB, BMP, Nutrient Load	COM.	SCARCE	Glen Ellyn	24
5/8/2018	Q&Q, Rx, Leak Detection Tablets	COM.	Noon Lions Club	Naperville	15
5/9/2018	NP, RB,	B	Wolfden Brewing Company	Bloomington	1
5/10/2018	RB, LP, Q&Q, Rx, COR	COM.	Scout Troop	Clarendon Hills	23

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5/12/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Elk Grove Village	17
5/12/2018	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, LP,	GOV. / COM.	Schaumburg Township Library	Schaumburg / Elk Grove Village / Hanover Park	158
5/16/2018	Water Quality Flag Ceremony	GOV.	Wheaton Park District	Wheaton	21
5/21/2018	Q&Q, COC, COO, GB, GR, RB, Cisterns, Community Gardens, NP, Nutrient Load, Pesticides, LP	COM.	Cantigny	Wheaton	73
5/24/2018	Set - Up GEPL Summer Reading Program, RB, BMP, LP, Watersheds, Q&Q, Lead - Free Hose	GOV.	Glen Ellyn Public Library	Glen Ellyn	2
6/4/2018	Water Conservation Summer Reading Program Kick - Off	GOV. / COM.	Glen Ellyn Public Libray	GlenEllyn	800
6/4/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Glen Ellyn	10
6/7/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, RX, COR, LP	GOV. / COM.	DuPage County Municipal Stormwater Engineers	Wheaton	38
6/7/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, COR, LP, Phos., GC, Nutrient Load	GOV. / COM.	Downers Grove Public Works	Downers Grove	140
6/7/2018	Water Conservation ,Programs & Workshop Opportunities, WQF, Q&Q, Flooding DPC, SWM, BMP, Leak Detection Tablets, COR, NP, Fertilizer, Nutrient Load, RB, Cisterns, Lead - Free Hoses, LP, Rx, Storm Drain Medallions, Newsletters	GOV. / COM.	Glen Ellyn Public Libray	Glen Ellyn	5
6/8/2018	Green Audit, Q&Q, BMP, NP, RB	B.	NOW Foods	Roselle	3

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6/19/2018	Water Quality Flag Ceremony	GOV.	Itasca Public Library	Itasca	8
6/20/2018	Stormdrain Medallions, Program Opportunities	B.	Spraying Systems	Glendale Heights	1
6/21/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, LP	GOV. / COM.	Wheaton Park District	Wheaton	24
6/26/2018	Green Audit, Q&Q, BMP, NP, RB	B.	NOW Foods	Bloomingtondale	3
6/28/2018	Q&Q, Rx, COR, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	19
7/2/2018	Stormdrain Medallions Project	COM.	River Prairie Group Sierra Club	DuPage County	2
7/2/2018	Green Audit Planning meeting	B.	Invesco	Downers Grove	1
7/7/2018	WSM	GOV. / COM.	Bensenville Public Works	Bensenville	75
7/9/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Camp Blackhawk	Wheaton	41
7/10/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Mean Camp Green & Camp Illini	Wheaton	140
7/12/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Camp Sports & Sorts	Wheaton	29
7/12/2018	Stormdrain Medallions, LP	GOV.	Naperville Park District	Naperville	2
7/12/2018	Stormdrain Medallions, LP, Pick - Up	COM.	Glen Ellyn Rotary	Glen Ellyn	18
7/13/2018	RB, NP, SWM, BMP, Q&Q, Rx, COR, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	11
7/14/2018	Stormdrain Medallions, Q&Q, BMP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	2
7/17/2018	COR, LP	GOV.	Village of Woodridge	Woodridge	2
7/18/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Addison Park District	Addison	32
7/24/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District - Camp No Name	Wheaton	122

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7/24/2018	WSM Loan	GOV.	DuPage County Stormwater	Wheaton	1
7/26/2018	Stormdrain Medallions Project, Medallion Application Training	GOV.	DuPage County Stormwater	Wheaton	7
7/31/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Addison Park District	Addison	13
8/2/2018	Q&Q, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	23
8/2/2018	Stormdrain Medallions	GOV.	City of West Chicago	West Chicago	12
8/3/2018	NP, PP, SWM, BMP, Q&Q, Rx, COC, GC, LP	B	Invesco	Downers Grove	4
8/7/2018	Stormdrain Medallions	B	Win Cup	West Chicago	1
8/8/2018	Eagle Scout Stormdrain Medallion Project	COM.	Boy Scouts of America	Glen Ellyn	1
8/9/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, Phos., LP	GOV. / COM.	Wheaton Park District	Wheaton	37
8/14/2018	RB, NP, SWM, BMP, Q&Q, COC, COO, COR, LP	GOV. / COM.	Glen Ellyn Public Library	Glen Ellyn	10
8/21/2018	Stormdrain Medallions, COR, LP, Upcoming Events	B	Thomas Reuters	Oak Brook	1
8/23/2018	Stormdrain Medallions	COM.	Kiwanis Club	Glendale Heights	10
8/23/2018	SWM, BMP, Stormdrain Medallions		Illinois Environmental Council	Darien	83
8/27/2018	Stormdrain Medallions	COM.	Kiwanis Club	Downers Grove	9
8/30/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	16
9/4/2018	Program & Workshop Opportunities, Pesticides & Herbicides, Nutrient Load, NP, Rx, Q&Q, COR, LP, SDM, BMP, Lead - Free Hoses, GC	COM.	Grace United Methodist Women	Naperville	33

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9/4/2018	Stormdrain Meadllions, LP	GOV.	Naperville City Council	Naperville	30
9/6/2018	Stormdrain Meadllions, LP	COM.	West Chicago Kiwanis Club	West Chicago	12
9/12/2018	Stormdrain Medallions, Green Fair	COM.	Wheaton Rotary Club	Wheaton	42
9/13/2018	Program & Workshop Opportunities, AB, Rx, BMP, Q&Q, Nutrient Load, NP, GB, GC, Newsletters	COM.	Environmental School for Garden Clubs of IL	Naperville	17
9/15/2018	Green Fair	COM.	SCARCE	Wheaton	766
9/19/2018	Program Planning Meeting, SDM, LP, Q&Q, BMP	COM.	Girl Scouts of America	Woodridge	1
9/20/2018	RB, NP, SWM, BMP, Q&Q, Rx, COC, COO, COR	GOV. / COM.	Naperville Public Library	Naperville	18
9/24/2018	RB, NP, SWM, BMP, Q&Q, Rx, COC, COO, COR, GC, LP	B	NOW Foods	Blomingdale	5
9/24/2018	Q&Q, SWM, WSM, SDC	COM.	Naperville Kiwanis Club	Naperville	30
9/25/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	23
9/26/2018	RB, NP, SWM, BMP, Q&Q, Rx, COC, COO, COR, GC, LP	B	NOW Foods	Bloomingtondale	94
9/27/2018	RB, NP, SWM, BMP, Q&Q, Rx, COC, COO, COR, GC, LP	B	NOW Foods	Roselle	117
10/3/2018	Stormdrain Medallions, LP, COR	GOV.	Village of Bloomingtondale	Bloomingtondale	1
10/6/2018	WSM, Leak Detection Tablets, LP, NP, COR	GOV. / COM.	Downers Grove Sanitary District	Downers Grove	150
10/6/2018	Watershed Model	GOV. / COM.	Village of Carol Stream	Carol Stream	100
10/9/2018	Staff Training - RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COR, LP, WQF	GOV.	DuPage Water Commission	Elmhurst	18

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10/9/2018	Program & Workshop Opportunities, LP, Stormdrain Medallions, Pesticides, Fertilizers, Q&Q, COR, Rx, Newsletters, NP	COM.	Twig and Bloom Garden Club	Glen Ellyn	12
10/9/2018	Stormdrain Medallions, LP	COM.	Rotary After Dark	Naperville	25
10/16/2018	Stormrain Medallions, LP	COM.	Roselle / Bloomingdale Rotary	Roselle	18
10/18/2018	GB, GR,Q&Q, RB, Lead - Free Hoses, NP, Pesticides, Fertilizers, COR, GC, Rx, Upcoming Events	COM.	Lord of Life Lutheran Church	Clarendon Hills	20
10/18/2018	Stormdrain Medallions, LP, BMP, SWM, Q&Q	COM. / COL.	Circle K - Kiwanis / North Central College	Naperville	4
10/18/2018	Q&Q, BMP, Rx, COR	COM.	Girl Scouts	Naperville	13
10/18/2018	Stormdrain Medallions, LP, BMP, SWM, Q&Q, COR	COL.	Wheaton College	Wheaton	1
10/25/2018	Program & Workshop Opportunities, Upcoming Events, Q&Q, Rx, LP, Stormdrain Medallions, COR, Pesticides, Fertilizers, NP, Lead - Free Hoses, GC	COM.	Council Catholic of Women	Lombard	45
10/29/2018	Workshop Opportunities, LP, NP,PP, RB, Rx, WSM, COR, Q&Q, Lead - Free Hoses	GOV.	City of Elmhurst	Elmhurst	2
10/30/2018	Stormdrain Medallions, LP	COM.	Villa Park Rotary	Villa Park	17
10/31/2018	Stormdrain Medallions, LP	GOV.	Village of Bloomingdale	Bloomington	1
11/1/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COO, COR, Phos., GC, LP	B.	Hendrickson International	Woodridge	67

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11/1/2018	Stormdrain Medallions, Q&Q, BMP	COM.	Hawthorne Garden Club	Glen Ellyn	19
11/1/2018	Stormdrain Medallions, LP, Program & Workshop Opportunities, WQF, Newsletters, Upcoming Events	GOV.	IPRA (Illinois Parks & Recreation Association)	Naperville	17
11/2/2018	Staff Training - RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COR, LP, WQF	GOV.	DuPage Water Commission	Elmhurst	9
11/2/2018	Stormdrain Medallions	GOV.	Village of Bloomingdale	Bloomingtondale	1
11/6/2018	Program & Workshop Opportunities, COC, NP, Pesticides, Fertilizer, Nutrient Load, Q&Q, RB, Rx, LP, Stormdrain Medallions, COR, GC	COM.	Oak Trace	Downers Grove	22
11/7/2018	WSM, Stormdrain Medallions, LP	COM.	Protect Your Water Workshop	Glen Ellyn	1
11/7/2018	Program & Workshop Opportunities, Rx, Upcoming Events, WQF, Leak Detection Tablets, Stormdrain Medallion, LP, Q&Q, BMP, SWM, COC	COM.	Meemic Foundation	Naperville	46
11/12/2018	WQF,	GOV.	Elmhurst Public Library	Elmhurst	1
11/13/2018	Stormdrain Medallions, Upcoming Projects, Program Possibilities, COR	B.	Earth Friendly Products	Addison	2
11/13/2018	Rx, GC	COM.	People's Resource Center	Wheaton & Westmont	1
11/14/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	20
11/15/2018	NP, SWM, BMP, Rx, Q&Q, Rx, COR, COC, COO, LP, Stormdrain Medallions	B.	NOW Foods	Roselle	85

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11/15/2018	NP, SWM, BMP, Rx, Q&Q, Rx, COR, COC, COO, LP, Stormdrain Medallions	B.	NOW Foods	Bloomington	120
11/16/2018	NP, SWM, BMP, Rx, Q&Q, Rx, COR, COC, COO, LP, Stormdrain Medallions	B.	NOW Foods	Bloomington	150
11/20/2018	RB, NP, PP, GB, SWM, BMP, Q&Q, Rx, COC, COR, Phos., Nutrient Load, GC, LP	COL.	College of DuPage	Glen Ellyn	20
11/24/2018	COR, Post Thanksgiving collection event	GOV.	Village of Roselle	Roselle	30
11/28/2018	WSM Training	GOV.	DuPage County Stormwater	Wheaton	4
11/28/2018	WSM Loan	GOV.	DuPage County Stormwater	Wheaton	1
12/3/2018	WQF, Stormdrain Medallions, Program Opportunities, Working With Green Team	Gov.	Glen Ellyn Park District	Glen Ellyn	1
12/6/2018	Open House - WSM, Leak Detection Tablets, Stormdrain Medallions, Rx, Newsletters, Program Opportunities, Upcoming Events	COM.	SCARCE	Glen Ellyn	67
12/12/2018	Q&Q, BMP, Rx	COM.	York Community Resource Center	Lombard	26
12/13/2018	Rx, COR	B.	Invesco	Downers Grove	180
12/13/2018	WQF, Pesticides, Q&Q, COR, SDM, LP	COM.	Boy Scout Troop 55	Downers Grove	7
12/14/2018	Stormdrain Medallions, Q&Q, BMP, LP	COM.	Boy Scout Troop 75	Naperville	1
12/18/2018	RB, LP, Q&Q, Rx, COR	COM.	Daisy Troop	Wheaton	21
1/7/2019	Program & Workshop Opportunities, WQF, Newsletters, COC, GB, Q&Q, RB, Lead -Free Hoses, GR, NP,	COM.	Elmhurst Garden Club	Elmhurst	56

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	Pesticides, Rx, LP, Upcoming Events				
1/10/2019	Planning DuPage Water Commission Tour	GOV. / COM.	DuPage Water Commission / Elmhurst Cool Cities	Elmhurst	2
1/11/2019	LP, Q&Q, RB, BMP, Rx, Upcoming Events	COM.	Girl Scouts	Naperville	11
1/14/2019	Sustainable Design Challenge Planning Meeting	GOV.	DuPage County	Wheaton	2
1/14/2019	Sustainable Design Challenge Planning Meeting	GOV.	DuPage County Health Department	Wheaton	1
1/14/2019	Sustainable Design Challenge Planning Meeting	GOV.	Regional Office of Education	Wheaton	1
1/17/2019	Water Quality Flag Ceremony	GOV.	DuPage Water Commission	Elmhurst	38
1/21/2019	Program & Workshop Opportunities, WQF, Newsletters, COC, GB, Q&Q, RB, Lead -Free Hoses, GR, NP, Pesticides, Rx, LP, Upcoming Events	COM.	Garden Club of Downers Grove	Downers Grove	52
1/22/2019	Program & Workshop Opportunities, Newsletters, Upcoming Events, Q&Q, Nutrient Load, Pesticides, SWM, LP, Lead - Free Hoses, Rx, AB, GC, COR, Stormdrain Medallions, PP, BS, GR, NP, RB	COM.	Itasca Garden Club	Itasca	30
1/23/2019	Q&Q, Rx, COC, COO	COM.	SCARCE	Glen Ellyn	25
1/24/2019	LP, Q&Q, RB, BMP, Rx, Upcoming Events	COM.	Boy Scouts	Glen Ellyn	5
1/25/2019	WQF Planning Meeting	Admin	Heritage Lakes	Carol Stream	1

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1/28/2019	Program & Workshop Opportunities, Newsletters, Upcoming Events, Q&Q, Nutrient Load, Pesticides, SWM, LP, Lead - Free Hoses, Rx, AB, GC, COR, Stormdrain Medallions, PP, BS, GR, NP, RB, Lead - Free Hoses, GR, NP, Q&Q, Rx, LP, Pick - Up 5	COM.	Garden Study Club of Hinsdale /Oakbrook	Hinsdale	38
2/5/2019	Stormdrain Medallion Training	GOV.	Glen Ellyn Public Library	Glen Ellyn	1
2/12/2019	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	16
2/13/2019	Rx, Stormdrain Medallions, Nutrient Load, Fertilizers, Pesticides	COM.	Naperville Rotary	Naperville	18
2/16/2019	Q&Q, Leak Detection Tablets, Stormdrain Medallions, LP	COM.	Naperville Area Homeowners Confederation	Naperville	11
2/18/2019	WSM	COM.	Brownie Troop	Naperville	8
2/18/2019	Silver Award Project Ideas - Stormdrain Medallions	COM.	Girl Scouts	Wheaton	3
2/25/2019	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	23
2/26/2019	RB, LP, Q&Q, Rx, COR	COM.	Girl Scouts	Wheaton	14
2/27/2019	RB, NP, PP, SWM, BMP, HHW, Q&Q, GR, RX, COO, COW, BS, PHOS, NL, ER, AB, RE, LP, GC	COL.	College of DuPage	Glen Ellyn	21
2/27/2019	RB, LP, Q&Q, Rx, COR	COM.	Girl Scouts	Wheaton	17

RB-Rain Barrel, NP-Native Plants, PP-Permeable Pavers, GB- Green Building, SWM- Stormwater Management, BMP- Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, GR- Green Roof, BS- Bio Swale, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COW- Indoor Compost, COR - Cooking Oil Recycling, Phos- Phosphates, WS- Watershed Model, GWFM-Groundwater Flow Model, CW- Car Washing, SDC- Sustainable Design Challenge, GC- Green Cleaning, LP- Litter Prevention, AB- Anti Bacterial Soap, ER- Electronic Recycling, WL- Wetland, WQF - Water Quality Flag

Type of Group - B - Business, CB - Community Booth, CE - Community Event, COL - College, COM - Community Group, GOV - Government, ST - Student, T - Teachers, TW - Teacher Workshop, Y - Youth

## A5. Classroom Educational Material

### Goal:

*DCSM will partner with schools and local educational organizations throughout the partnership area on stormwater management and water quality education promoting water quality and environmental efforts using watershed models and other educational tools.*

### Milestone:

*Target at least 10 schools within the permit area with outreach programs per year.*

### Status:

DuPage County promoted student and teacher education of water quality topics by supporting S.C.A.R.C.E. (School and Community Assistance for Recycling and Composting Education. The following activities were conducted by S.C.A.R.C.E. and supported by DuPage County during the reporting year:

Date	Education	Type	Group	Location	# of Participants	# of Students
3/1/2018	RB, NP, PP, SWM, BMP, HHW, Q&Q, Rx, COO, COC, COR, Phos., Nutrient Load, LP	T, ST	Schiesher E.S.	Lisle	11	100
3/2/2018	Water Dynamics Workshop - Teacher Institute Day	T, ST	DuPage County Teachers	DuPage	11	0
3/6/2018	Q&Q, LP, BMP	T,ST	Hadley Jr. High	Glen Ellyn	10	350
3/8/2018	Stormdrain Medallions, LP, COR	T,ST	Glenbard North H.S.	Carol Stream	1	2

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3/12/2018	Newsletters, Workshop Opportunities, Q&Q, AB, GC, Rx, COR, Fertilizers, Nutrient Loas, NP, LP	T	Roy DeShane E.S.	Carol Stream	30	0
3/14/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COC, COO, COR, PHOS, Nutrient Load	T, ST	Franklin M.S.	Wheaton	6	179
3/14/2018	WSN - RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, COR, Phos., Nutrient Load, LP	ST	Meadow Glens	Naperville	254	326
3/19/2018	RB, Q&Q, BMP, LP	T,ST	Westminster	Glen Ellyn	5	34
3/20/2018	RB, Q&Q, BMP, LP	T, ST	Westminster	Glen Ellyn	5	29
3/20/2018	Q&Q, Rx, Leak Detection Tablets, COR	ST, Parents	School District 89	Glen Ellyn	25	30
3/28/2018	Summer Workshop Planning Meeting	T	SCARCE	Glen Ellyn	1	0
4/5/2018	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., Nutrient Load, LP	T, ST	Henry Puffer E.S.	Downers Grove	6	85
4/10/2018	COO, Phos., Nutrient Load, RB, Community Gardens, BMP	T.	Mark Delay E.S.	Darien	2	0
4/17/2018	SDC	T, ST, COM.	Du Page County High School Students	DuPage	5	87
4/18/2018	Q&Q, LP, WQF, Fertilizer, BMP, Phos., Nutrient Load, Coal Tar, Rx, AB, Leak Detection Tabs, NP, GR, GC, COO, COC, Upcoming Events, Newsletters	T	St. Joan of Arc School	Lisle	22	0
4/20/2018	Q&Q, LP, Stormdrain Medallions, COR	T, ST.	Wood Dale Jr. High	Wood Dale	7	110
4/23/2018	Q&Q, LP, COC, COO, SWM, Flooding in DPC, Stormdrain Medallions	T, ST	St. Joan of Arc School	Lisle	12	300
4/27/2018	WSM Loan	T, ST	Pleasant Lane School	Lombard	1	20
5/1/2018	Stormdrain Medallion Training	T, ST	Jackson M.S.	Villa Park	2	2

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5/2/2018	RB, NP, Q&Q, Lead - Free Hoses, Community / Schoolb Garden Planning Meeting	T	Lincoln Academy	Roselle	2	0
5/3/2018	WSM - RB, NP, PP, SWM, BMP, Q&Q, GR, Rx, LP, WQF	T, ST	Schafer E.S.	Lombard	2	53
5/7/2018	WSM Training / Loan	T	Greenhouse Co - School	Wheaton	1	41
5/8/2018	Water Quality Flag Ceremony	T, ST	Henry Puffer E.S.	Downers Grove	40	350
5/11/2018	Water Quality Flag Ceremony	T, ST	Stevenson E.S.	Lombard	24	266
5/12/2018	WSM Loan	T, ST	Wheaton Christian Grammar School	Winfield	1	73
5/14/2018	WSM Loan	T, ST	Jackson E.S.	Villa Park	2	20
5/15/2018	RB, NP,	T, ST	Mark De Lay E.S.	Darien	4	25
5/18/2018	WSM	T, ST	Elmhurst Academy	Elmhurst	50	60
5/18/2018	Water Quality Flag Ceremony	T, ST	Schafer E.S.	Lombard	47	452
5/31/2018	Quarry Workshop	T	Elmhurst School District 205	Elmhurst	3	0
6/18/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	15	0
6/19/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/20/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/21/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/22/2018	Living Water Workshop	T.	SCARCE /DuPage County Teachers	DuPage	10	0
6/27/2018	Living Water Workshop - Teacher's Present Lesson Plans	T.	SCARCE /DuPage County Teachers	DuPage	5	0
8/13/2018	Water Quality Flag	T.	School District 4	Addison	26	0
8/29/2018	Program & Workshop Opportunities, WSM, Stormdrain Medallions, WQF	T.	DuPage Children's	Naperville	187	0
9/5/2018	Staff Training, Stormdrain Meadllions, LP	T	York Center School	Lombard	17	0

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9/5/2018	Stormdrain Meadllions, LP	T, ST	York Center School	Lombard	3	8
9/5/2018	RB, BMP, Q&Q, Rx, COR, LP	T,ST	Erickson E.S.	Bloomingtondale	33	478
9/13/2018	WSM Loan	T, ST	Lace E.S.	Darien	1	161
9/20/2018	Stormdrain Meadllions, LP,	T, ST	Willowbrook H.S.	Villa Park	1	23
9/21/2018	WSM	T, ST	Westmont High School	Westmont	20	20
9/21/2018	NP, Q&Q	T,ST	Mark DeLay E.S.	Darien	8	175
9/26/2018	WSM Loan	T,ST	Hawthorne E.S.	Elmhurst	1	13
10/5/2018	Workshop & Program Opportunities, AB, Flooding in DuPage, BMP, Q&Q, Rx, LP	T, ST	Benjamin M.S.	West Chicago	8	72
10/10/2018	Q&Q, BMP, RB, NP	T, ST	Roy De Shane E.S.	Carol Stream	3	47
10/10/2018	WSM Loan	T, ST	Glenbard East H.S.	Lombard	1	80
10/11/2018	Stormdrain Medallions, LP	T, ST	Hawthorne E.S.	Elmhurst	1	10
10/22/2018	Stormdrain Medallions, LP, BMP, Q&Q, COR	T, ST	Hinsdale South H.S.	Darien	2	15
11/6/2018	WSM, Stormdrain Medallions, LP	T	School District 205	Elmhurst	4	0
11/6/2018	Stormdrain Medallions, Pick - Up 5	T, ST	Hinsdale South H.S.	Darien	2	14
11/12/2018	WSM Loan	T	Jefferson E.S.	Elmhurst	1	34
11/15/2018	Stormdrain Medallions, LP, Pick - Up 5	T,ST	Metea Valley H.S.	Naperville	2	18
11/15/2018	Bass in the Class Event, WSM, RB, NP, PP, SWM, BMP, Q&Q, Rx, COR, LP	T, ST	Forest Preserve District of DuPage County	Oak Brook	16	120
12/4/2018	Q&Q, LP, SDM, COR, SDC	T., ST.	Downers Grove North H.S.	Downers Grove	2	40
12/12/2018	WSM- SWM, Q&Q, BMP, RB, NP, PP, Rx, LP, WQF		York Center School	Lombard	4	16
12/18/2018	WSM Loan	T., ST.	Downers Grove North H.S.	Downers Grove	1	45
1/4/2019	Planning Meeting For WSM Programs	T	Still M.S.	Naperville	1	0

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1/4/2019	Groundwater Flow Model Loan	T	Still M.S.	Naperville	1	110
1/7/2019	LP, Upcoming Events, WQF	T, Administrator	School District 45	Villa Park	18	0
1/10/2019	Planning for WSM Programs, WQF, Stormdrain Medallions	T	Siple Elementary	Woodridge	2	0
1/17/2019	WSM - Q&Q, Watersheds, Nutrient Load, Fertilizers, Run - Off, LP, SWM, Flooding in DPC	T., ST.	Still M.S.	Naperville	10	265
1/17/2019	Staff Training Planning Meeting, WQF	T.	Elsie Johnson E.S.	Hanover Park	1	0
1/18/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T., ST.	Still M.S.	Naperville	10	265
1/23/2019	WQF Staff Meeting - WQF, WSM, Q&Q, Nutrient Load, Flooding in DuPage, SWM, LP, Stormdrain Medallions, Rx, GR, RB, PP, Run - Off, NP, COO, COR, Newsletters	T., ST.	Elsie Johnson E.S.	Hanover Park	50	0
1/23/2019	WSM, LP, Nutrient Load, SWM	T., ST.	Siple E.S.	Woodridge	3	17
1/24/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T., ST.	Siple E.S.	Woodridge	2	17
1/25/2019	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., LP	T., ST.	Washington E.S.	Wheaton	8	63
1/26/2019	WSM, RB, NP, PP, SWM, BMP, Q&Q, GR, BS, Rx, COR, Phos., LP	T, ST., COM.	Maercker School District	Westmont	150	200
2/8/2019	WSM - Loan	T	Field E.S.	Elmhurst	1	8
2/14/2019	Staff Training, Water Quality Flag, Scheduled Student WSM Programs, GR, LP, Nutrient Load, NP, PP, Q&Q, RB, Rx, SWM, WSM	T	Heritage Lakes E.S.	Carol Stream	32	0

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2/15/2019	Water Quality Flag, WSM Presentation, NP	T	Field E.S.	Elmhurst	4	0
2/19/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T,ST	Elsie Johnson	Hanover Park	11	82
2/20/2019	Q&Q, SDC, COR, Stormdrain Medallions, LP, NP, SWM, PP, Flooding in DPC, Nutrient Load, GR, RB, GB	T,ST	Downers Grove North	Downers Grove	2	25
2/27/2019	Q&Q, Flood Plain Protection	T, ST.	York Center E.S.	Lombard	3	16
2/28/2019	Rain Barrel Drop - Off	T, ST	Elsie Johnson E.S.	Hanover Park	2	0
2/28/2019	WSM, RB, NP, PP, SWM, BMP, GR, BS, COC, COO, LP, Stormdrain Medallions, WQF	T, ST	Heritage Lakes E.S.	Carol Stream	28	336

RB-Rain Barrel, NP-Native Plants, PP-Permeable Pavers, GB- Green Building, SWM- Stormwater Management, BMP- Best Management Practices, HHW-Household Hazardous Waste, Q&Q- Quantity and Quality, GR- Green Roof, BS- Bio Swale, RX- Medicine Disposal, COC - Curbside Compost, COO- Backyard Compost, COW- Indoor Compost, COR - Cooking Oil Recycling, Phos- Phosphates, WS- Watershed Model, GWFM-Groundwater Flow Model, CW- Car Washing, SDC- Sustainable Design Challenge, GC- Green Cleaning, LP- Litter Prevention, AB- Anti Bacterial Soap, ER- Electronic Recycling, WL- Wetland, WQF - Water Quality Flag

Type of Group - B - Business, CB - Community Booth, CE - Community Event, COL - College, COM - Community Group, GOV - Government, ST - Student, T - Teachers, TW - Teacher Workshop, Y - Youth

**Section B:**

**Public Participation/ Involvement**

**B2. Educational Volunteer**

**Goal:**

*DCSM will sponsor a variety of volunteer opportunities, including: the Adopt-a-Stream program, the DuPage River Sweep, and the storm drain stenciling program.*

**Milestone:**

*Participate at or sponsor 3 events targeted at school aged children per year.*

**Status:**Storm Drain Stenciling

DSCSM sponsored the Storm Drain Stenciling program in 2018-2019 reporting year. The previous stenciling program is being converted to a medallion program in 2019 due to concerns regarding the stencil paint being washed off by rainwater over time. During the reporting year 3 groups participated in the program:

- Number of volunteers: 59
- Groups: Elementary school, Boy Scouts, College of DuPage
- Stencils applied: 123
- Communities: Downers Grove, Glen Ellyn, Naperville

Additionally, the following communities continue to utilize permanent drain covers:

- Addison
- Wheaton
- Bloomingdale Township
- Bolingbrook
- Elmhurst
- Glen Ellyn
- Lisle
- Warrenville
- Westmont

River Sweep

The annual DuPage County River Sweep is a county-wide self-coordinated stream cleanup and restoration event. The purpose of the River Sweep is to encourage volunteers to help “sweep our rivers clean” by picking up debris in and along the local waterways and restoring nearby land back to its natural state. In 2019, over 61 miles of shoreline were cleared of trash. Since its inception in 1991, over 13,300 volunteers have removed approximately 280 tons of garbage from DuPage County waterways.

2018 River Sweep, May 19, 2018

- 802 volunteers
- Approximately 61 miles of streams
  - West Branch DuPage River (37.4 miles) through Bartlett, Bloomingdale, Carol Stream, Naperville, Warrenville, West Chicago, Winfield

- East Branch DuPage River (23.86 miles) through Addison, Bolingbrook, Darien, Downers Grove, Glen Ellyn, Itasca, Lisle, Lombard, Oak Brook, Roselle, Villa Park, Westmont, Wheaton
- 9.25 tons of litter removed
- 2.7 acres of riparian areas restored through removal of invasive species (buckthorn, honeysuckle, and garlic mustard)

#### Additional Programs by Co-Permitees

Location	Volunteer Programs
Bartlett	Host Eng/Math U-46 students
Carol Stream	Adopt a Highway, Pond & Stream Sweep, Earth Day Cleanup at Water Reclamation Center, Arbor Day Tree Planting at Spring Elementary, Rx Drop Box
Clarendon Hills	Earth Day Activities
Downers Grove Township	Electronic Recycling and Paper Shredding
Elmhurst	Cooking oil Recycling, Pumpkin Collection, Annual Recycling Event
Glen Ellyn	Ecological Stewardship at Lambert Lake
Hanover Park	Volunteer Environmental Committee
Itasca	Green Day, Grease Collection
Lisle	The Village participated in Adopt a Highway on Main Street in Lisle
Naperville	Adopt a Drain
Warrenville	Arbor Day
Wayne	Annual Cleanup of Norton Creek
Wayne Township	Yearly Ditch Cleaning Program
Westmont	Community Rain Barrel Program, Tree Seedling Giveaway, Parkway tree Program, Assist with Construction of Educational Garden and Apiary Project
Wheaton	Electronics Recycling, Prairie Path Cleanup
Winfield Township	Recycling Event
Woodridge	Rotary Recycling Extravaganza
York Township	Year-round Free Electronic Recycling Program for York Township Residents

### **B3. Stakeholder Meeting**

#### **Goal:**

*DSCSM will host at least two regular water quality stakeholder meetings per year in each of the partnership area's main watersheds in order to address matters pertaining to pollutant reduction on a watershed level. In addition, input on water quality impairments will be requested from stakeholders for incorporation into watershed planning efforts, which may cause the formation of separate stakeholder groups any given year.*

#### **Milestone:**

*Participate in or organize 3 watershed stakeholder meetings per year.*

**Status:**

DuPage County staff held 9 watershed stakeholder meetings throughout the county during the reporting year. These events are open to all members of the public.

Event	Date	Location	# of Attendees	NPDES Category	Involvement
East Branch DuPage River Watershed Workshop	4/20/2018	East Branch Watershed	50	Education & Outreach	Sponsor/Presenter
West Branch DuPage River Watershed Workshop	4/27/2018	West Branch Watershed	50	Education & Outreach	Sponsor/Presenter
Salt Creek Watershed Workshop	5/11/2018	Salt Creek Watershed	50	Education & Outreach	Sponsor/Presenter
East Branch Watershed Workshop	10/3/2018	East Branch Watershed	50	Education & Outreach	Host/Presenter
West Branch Watershed Workshop	10/4/2018	West Branch Watershed	50	Education & Outreach	Host/Presenter
Salt Creek Watershed Workshop	10/24/2018	Salt Creek Watershed	50	Education & Outreach	Host/Presenter
West Branch Watershed Workshop	1/24/2019	West Branch Watershed	50	Education & Outreach	Host/Sponsor
East Branch Watershed Workshop	2/7/2019	East Branch Watershed	50	Education & Outreach	Host/Sponsor

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Salt Creek Watershed Workshop	2/20/2019	Salt Creek Watershed	50	Education & Outreach	Host/Sponsor
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Additional Meetings/ Workshops by Co-Permitees

Location	Stakeholder Meetings/ Workshops
Addison Township	Invited The Conservation Foundation to present to the Township Board
Bensenville	Annual Public Works Open house provides this opportunity to engage one on one
Bloomingtondale Township	Homeowners Association Meetings
Burr Ridge	Village's Storm Water Committee consists of citizen volunteers and elected Village officials. The Committee meets quarterly in an open public forum to review and discuss storm water issues and program development pertaining to Village storm water quality programs and practices
Clarendon Hills	The Stormwater Administrator presented a general overview of the Village's NPDES MS4 Stormwater Management Program at the 02/18/2019 Village Board Meeting
Elmhurst	The has a Public Works and Buildings Committee which discusses stormwater issues at almost every meeting. At the meeting, Public Comment is on the agenda every meeting
Hanover Park	The Village's storm water plan was presented at the May Environmental Committee meeting to provide information and allow for public comment
Lombard	The Village of Lombard hosts most of DRSCW's bi-monthly meetings
Oak Brook	Fullersburg Dam Public Meeting
Winfield	The Village has a Public Works Committee that meets on a monthly basis
Wood Dale	The City's Stormwater Management Commission is scheduled to meet on a monthly basis
Woodridge	The Village hosted a "Town Meeting" in April 2018 and provided an opportunity at the public budget workshop in October 2018 regarding feedback and questions on stormwater projects

**B4. Public Hearing**

**Goal:**

*DCSM will provide opportunity for public comment at an annual public meeting in order to reach all interested residents on the adequacy of its MS4 program, watershed plans, and projects. DCSM will publicize public meeting in conjunction with its education and outreach initiatives as well as posted in the local news publications.*

**Milestone (Year 2):**

*Hold one meeting per year for the public to provide input.*

**Status:**

The DuPage County Stormwater Management Planning Committee regularly holds monthly meetings on the first Tuesday of each month at 7:30 am. At the beginning of each meeting, there is a public comment period which allows members of the public to provide input on the County's Stormwater program. The February 5, 2019 meeting was specifically advertised to the public as an opportunity to provide input on the adequacy of the stormwater program.

**NOTICE OF PUBLIC MEETING**

The DuPage County Stormwater Management Planning Committee will hold a public meeting as part of their regularly scheduled meeting on Tuesday, February 5, 2019 at 7:30 a.m. in the County Board Room at 421 North County Farm Road, Wheaton, Illinois to allow the public to provide input as to the adequacy of the DuPage County Water Quality Program. This meeting is being held pursuant to Illinois Environmental Protection Agency Permit No. ILR40 Part IV. Section B. 2. c. Comments will be limited to 3 minutes.

IEPA Permit No. ILR40 includes the following components:

- Public Education and Outreach on Water Quality Topics
- Public Involvement and Participation
- Illicit Discharge Detection and Elimination
- Construction Site Erosion and Sediment Controls
- Post-Construction Best Management Practices for Water Quality
- Pollution Prevention and Good Housekeeping for Municipal Operations
- Water Quality Monitoring Program

The full DuPage County Stormwater Management Program Plan can be found at:

[http://www.dupageco.org/EDP/Stormwater\\_Management/Water\\_Quality/54206/](http://www.dupageco.org/EDP/Stormwater_Management/Water_Quality/54206/)

Official minutes from the Public Meeting are provided below.



**DU PAGE COUNTY  
STORMWATER MANAGEMENT COMMITTEE  
FINAL SUMMARY**

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**February 5, 2019**

**Planning Committee**

**7:30 AM**

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**COUNTY BOARD ROOM  
421 N. COUNTY FARM ROAD  
WHEATON, IL 60187**

**1. CALL TO ORDER**

7:30 AM meeting was called to order by Chair James Zay at 7:30 AM.

**2. ROLL CALL**

PRESENT: Anderson, Brummel (7:34 AM), Covert, Noonan, Hart, Ozog, Pojack, Tornatore,  
Yusuf (7:41 AM), Zay  
ABSENT: Nero, Pulice

**3. PUBLIC COMMENT - PUBLIC COMMENT IS LIMITED TO THREE  
MINUTES PER PERSON**

There was no Public Comment.

**4. CHAIRMAN'S REPORT**

Chair Zay welcomed Janice Anderson to the Committee.

**A. Anniversary Awards**

Chairman Zay and Director Charlton presented Sr. Civil Engineer Wildy Pantoja (10 years), Sr. Project Engineer Dave Winklebleck (15 years) and Kathy Huth-Nicholl (15 years) with anniversary awards for their years of dedicated service to DuPage County.

Member Brummel arrived at 7:34 PM.

**Wildy Pantoja - 10 years**

**Dave Winklebleck - 15 years**

**Kathy Huth-Nicholl - 15 years**

**5. APPROVAL OF MINUTES**

A. Stormwater Management Committee - Planning Committee - Jan 8, 2019 7:30 AM

<b>RESULT:</b>	<b>ACCEPTED [UNANIMOUS]</b>
<b>MOVER:</b>	Greg Hart, District 3
<b>SECONDER:</b>	Chester Pojack, Glendale Heights Trustee (6)
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf



**6. CLAIMS REPORTS**

A. Payment of Claims -- December/January Schedule of Claims

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Janice Anderson, Municipal
<b>SECONDER:</b>	David Brummel, Warrenville Mayor (6)
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf



**7. STAFF REPORTS**

The Motion was to combine and place on file. Director Charlton answered all questions posed by the Committee.

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Greg Hart, District 3
<b>SECONDER:</b>	Sean T Noonan, District 2
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf

- A. Staff Reports -- DuPage County Stormwater Management January Currents E-Newsletter
- B. Staff Reports -- Floodplain Mapping Update
- C. Staff Reports -- Construction Progress Update – Flood Control Improvements at Graue Mill, Redmond Reservoir Expansion Project, Pipe Painting at the Elmhurst Quarry Flood Control Facility, Demolition of up to 8 Flood Prone Properties, In-House Projects
- D. Staff Reports -- DuPage County Stormwater Management Upcoming Events
- E. Staff Reports -- Weeks Park Drainage Facility
- F. Staff Reports -- FY2019 Water Quality Improvement Program Grant Applications
- G. Staff Reports -- Crown Castle Contract Termination
- H. Staff Reports -- APWA Award – Graue Mill Flood Protection Improvements Project

- I. Staff Reports -- Sustainable Design Challenge Project Submittal Period Opens February 6
- J. Staff Reports -- Filming at Elmhurst Quarry Flood Control Facility
- K. Staff Reports -- Stormwater Ordinance Text Amendments For Revised Preliminary Flood Plain Map Adoption

**8. ACTION ITEMS**

- A. SM-R-0081-19 RESOLUTION -- Authorizing the Acceptance of Transferred Property from Winfield Township for the County's Flood Control, Stormwater Management and Drainage Purposes

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Sean T Noonan, District 2
<b>SECONDER:</b>	Sadia Covert, District 5
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf



- B. SM-P-0048-19 Recommendation for the approval of a contract to Azteca Systems, LLC for Asset Management Software Licenses, for the period February 13, 2019 through September 30, 2022, for Stormwater Management and Public Works, for a contract amount not to exceed \$107,387.00. Other Professional Service not subject to competitive bidding per 55 ILCS 5/5-1022(a). Vendor selected pursuant to DuPage County Code Section 2-300.4-108 (1) (b).

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Janice Anderson, Municipal
<b>SECONDER:</b>	Greg Hart, District 3
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf



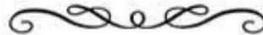
- C. SM-R-0082-19 RESOLUTION -- Memorandum of Understanding Between the County of Dupage and the County of Will for Watershed Planning Along Within the East Branch DuPage River Watershed

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Chester Pojack, Glendale Heights Trustee (6)
<b>SECONDER:</b>	Janice Anderson, Municipal
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf



- D. Authorization for Overnight Travel -- Authorization is requested for one (1) Stormwater staff member to attend the 2019 Illinois Association for Floodplain and Stormwater Management Conference in Peoria, Illinois on March 13-14 2019, expenses to include Registration, Transportation and Lodging, for an estimated County cost of \$751.48

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Greg Hart, District 3
<b>SECONDER:</b>	Janice Anderson, Municipal
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Zay
<b>ABSENT:</b>	Nero, Pulice, Yusuf

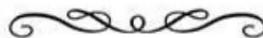


- E. Recommendation for the approval of a contract to Ciorba Group, Inc., for Professional Engineering Services to Complete DuPage County Stormwater and Floodplain permit application reviews and inspections on an as needed basis, for Stormwater Management. This contract covers the period through November 30, 2019 for a total contract amount not to exceed \$15,000.00. Other Professional Service not subject to competitive bidding per 55 ILCS 5/5-1022(a). Vendor selected pursuant to DuPage County Code Section 2-300.4-108 (1) (b).

Member Yusuf arrived at 7:41 PM.

On a roll call vote.

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Sean T Noonan, District 2
<b>SECONDER:</b>	Janice Anderson, Municipal
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Yusuf, Zay
<b>ABSENT:</b>	Nero, Pulice



- F. Change Order -- SM-P-0566A-15 - AMENDMENT to Resolution SM-P-0566-15, issued to Comcast Holdings Corporation, to furnish, deliver & install secondary internet at various Stormwater Management Facilities through March 31, 2019 and increase the amount of the contract \$10,561.47, resulting in an amended contract total amount not to exceed \$170,761.47 an increase of 6.59%

<b>RESULT:</b>	<b>APPROVED [UNANIMOUS]</b>
<b>MOVER:</b>	Janice Anderson, Municipal
<b>SECONDER:</b>	David Brummel, Warrenville Mayor (6)
<b>AYES:</b>	Anderson, Brummel, Covert, Noonan, Hart, Ozog, Pojack, Tornatore, Yusuf, Zay
<b>ABSENT:</b>	Nero, Pulice



**9. PRESENTATION**

**A. Public Meeting - Regional Water Quality Program**

MaryBeth Falsey, Water Quality Supervisor, stated that this public meeting is being held pursuant to Illinois Environmental Protection Agency Permit No. ILR40 to allow the public to provide input as to the adequacy of the DuPage County Water Quality Program.

Ms Falsey, gave a presentation on the Regional Water Quality Program.

**B. Public Comment Discussion**

Chairman Zay opened the floor up for Public Comment on the Regional Water Quality Program.

Beverly Jaszczowski, representing SCARCE, thanked Chairman Zay and the DuPage County Water Commission, for earning the Water Quality Flag and the Earth Flag. She gave a brief update on the organizations activities.

**10. OLD BUSINESS**

There was no Old Business.

**11. NEW BUSINESS**

There was no New Business.

**12. EXECUTIVE SESSION**

There was no Executive Session.

**13. ADJOURNMENT**

Motion by Member Tornatore, seconded by Member Hart to adjourn the meeting at 7:49 AM. On a voice vote all members present voted aye. Motion carried.

The following Stormwater Management Planning Committee meetings were held during the reporting year:

- March 6, 2018
- April 3, 2018
- May 1, 2018
- June 5, 2018
- July 17, 2018
- August 7, 2018- Cancelled
- September 4, 2018
- October 2, 2018
- November 6, 2018
- December 4, 2018
- January 8, 2019
- February 5, 2019 \*Advertised for Public Input on Program

Official minutes and agendas for all meetings can be found at: <http://www.dupageco.org>

**B6. Program Involvement****Goal:**

*Develop and distribute surveys via an email list, webpage, and on social media to measure citizen views, behaviors, and concerns pertaining to a variety of topics, including water quality, property management, and residential pollutant control.*

**Milestone (Year 2):**

*Develop and disperse 1 survey per year.*

**Status:**

Surveys were distributed to attendees of the following events:

- Pollution Prevention Seminar for MS4 Communities
- Green Infrastructure Seminar for MS4 Communities
- A survey was also created by the DuPage River Salt Creek Workgroup (of which DuPage County and many of its partner communities are members) to gauge interest in and use of Salt Creek and specifically the Graue Mill area by the public.

DuPage County staff maintained the “Citizen Reporter App” which provides citizens the opportunity to participate in the water quality program by identifying areas for water quality improvements. By using the app, citizens can report water quality issues such as erosion, stream blockages, algae, dumping, sediment, garbage, and other water quality issues. The Citizen Reporter App can be accessed at:

<https://gis.dupageco.org/CitizenReporter/>

From March 2018 through February 2019 a total of 37 reports were received through the Citizen Reporter App. Reports included observations on stream erosion, stream blockage reports, illegal dumping, and drainage/flooding concerns.

**Section C:****Illicit Discharge Detection and Elimination****C1. Storm Sewer Map Preparation****Goal:**

*Partner agencies provide a current storm sewer atlas to the DCSM. DCSM will collect, compile, and field verify storm sewer maps from partner agency data to create a comprehensive partnership area storm sewer atlas of the partnership area (the municipal limits of all participating MS4s). The partner agencies will provide the DCSM with annual updates of the storm sewer atlas.*

**Milestone (Year 1):**

*Complete the storm sewer atlas for 50% of DuPage County.*

**Status:**

DuPage County Stormwater staff continues to work with townships, municipalities, and other county departments to update the storm sewer atlas with current storm sewer locations. The following updates were completed within the reporting year:

<b>Agency</b>	<b>Date</b>
Bloomington Township - received data	7/13/18
Wayne Township – received data	7/13/18
York Township – received data	7/13/18
Addison Township - received data	7/13/18
Village of Woodridge – received data	7/17/18
Naperville Township – received data	11/9/18

During the 2018-2019 reporting year, DuPage County Stormwater continued to combine all storm sewer data for the county into one comprehensive GIS database. Combining each agency's data into one comprehensive layer will simplify tracing and spill response within DuPage County. Staff began creating a standard attribute set for the County in 2017 and continued to work with DuPage County Department of Transportation throughout 2018 on combining all data into a comprehensive layer.

## C2. Regulatory Control Program

### Goal:

*DCSM will revise the IDDE ordinance as needed and provide language to partner agencies.*

### Milestone (Year 1):

*Review and amend the Ordinances, as needed, to reflect new information or regulations.*

### Status:

DuPage County Stormwater staff reviewed the Ordinances and found no need to amend with new information or regulations.

## C3. Detection/ Elimination Prioritization Plan

### Goal:

*Compile information pertaining to the ten-step prioritization plan identified in the DuPage County IDDE Program Technical Guidance.*

### Milestone (Year 1):

*Complete East Branch Outfall Prioritization*

### Status:

After completing steps 1 and 2 in the DuPage County IDDE Program Technical Guidance outfall prioritization plan in 2016, we were scheduled to complete steps 3 and 4 in 2017. County staff adjusted the prioritization plan goal to complete outfall prioritization for the watershed that is scheduled for monitoring that year. Because East Branch DuPage River watershed was scheduled for outfall monitoring in 2018, outfall prioritization was completed for the East Branch using the following steps:

Step 3 – Determine which of the Reach Illicit Discharge Risk Factors and Subbasin Illicit Discharge Risk Factors are going to be used for prioritization

Step 4 – Gather data required to compute the Reach Illicit Discharge Risk Factors and Subbasin Illicit Discharge Risk Factors

Step 5 – Compute Reach Illicit Discharge Risk Factors

Step 6 – Compute Subbasin Illicit Discharge Risk Factors

Step 7 – Compute Subbasin Illicit Discharge Risk Scores

Step 8 – Create Prioritization Scoring Map and Table

Step 9 – Perform Critical Review

Step 10 – Review Prioritization

Illicit discharge risk factors that were used to determine priority outfalls were the following: industrial zoned outfalls; historical discharge complaints; twenty outfalls per stream mile; and areas of high nutrients, dissolved

materials, or heavy metals not associated with POTWs as listed in the “Biological and Water Quality Study of the E. Branch DuPage River Watershed, 2014” by Midwest Biodiversity Institute Center for Applied Bioassessment & Biocriteria. Steps 6 and 7 were modified to score anything that met the criteria of an illicit discharge risk factor to be considered a priority outfall. Some factors were excluded in order to not classify the majority of outfalls as priority; for example, chloride levels are high throughout the watershed and therefore isn’t useful for IDDE prioritization. This process resulted in the classification of 171 priority outfalls out of a total of 786 MS4 outfalls in the East Branch DuPage River.

#### C4. Illicit Discharge Tracing Procedures

##### Goal:

*Follow guidelines in the IDDE Program Technical Guidance manual to trace illicit discharges. Update the manual to reflect new techniques and practices.*

##### Milestone (Year 1):

*Continue tracing illicit discharges in accordance with the DuPage County IDDE Technical Guidance Manual. Review and update the manual as needed.*

##### Status:

DuPage county Stormwater Management staff monitored all known outfalls within the East Branch DuPage River watershed. Staff also respond to complaints regarding illicit discharges. Any suspected illicit discharges were traced to their source when applicable and removal of the discharge was completed through use of the IDDE Technical Guidance Manual protocols.

##### IDDE Reports

Date	Municipality	Issue	Outcome
3/15/2018	Unincorporated Lemont	Dirt and material flowing into canal. Salt runoff into canal.	Issues were on the Cook County side of the county border. Referred to Illinois EPA
3/23/2018	Carol Stream	Red/orange discharge in detention pond	EMT results found oil and grease from sump pit from plant matched discharge from outfall
4/29/2018	Unincorporated Glendale Heights	Residential chemical grass burn	IDOA determined that no proven misuse of pesticide. No enforcement action taken
5/9/2018	Unincorporated Lombard	Discharge of power wash water to storm sewer	Staff educated on best practices for power washing
5/21/2018	Unincorporated Addison	Potential diversion and change in drainage patterns caused by development	Ongoing
5/29/2018	Unincorporated Lisle	Citizens report of soap suds in stream south of Burlington Ave	Unable to access stream due to power line maintenance taking place. Inspected car wash up north but found no obvious illicit discharge. Inspected Rott Creek but no signs of suds

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6/21/2018	Lombard	Mulch pile leachate discharge to storm sewer	Notified business owner. Recommend best management practices and compiled educational materials
7/2/2018	Downers Grove	Report of high flows of dark, hot water at Prentiss Creek	Ongoing.
7/5/2018	Unincorporated Burr Ridge	Diesel fuel discharge into storm sewer as a result of several vehicles on fire	Tested storm sewer system after the event via 4 downstream inlets. No Diesel fuel detected
7/10/2018	Glendale Heights	RVs discharging to storm sewer	Department of Community Development had hoses removed immediately
8/7/2018	Hinsdale	Emergency repair work of pipeline block valve needed	BP Pipelines in agreement to repair pipeline
9/5/2018	Westmont	Liquid from garbage compactor discharge to storm sewer	Notified property owner. Village enforcement of property maintenance of dumpsters
9/14/2018	Unincorporated Darien	Citizen report of tan, murky water in creek	Runoff from improperly contained construction site or dewatering activity
10/23/2018	Oak Brook	Fuel spill at Shell Station	Verified that fuel was contained completely in the onsite catch basin. Was not released to storm sewer system or Oak Brook Tributary
10/30/2018	Darien	Septic truck discharging water to storm sewer	Contacted company directly. Claimed to be water only, not septic. Will educate workers on proper disposal
11/7/2018	Unincorporated Addison	Illicit wastewater discharge to storm sewer	Owner was notified of violation
11/26/2018	Itasca	Cooling tower makeup water discharged to storm sewers	
12/9/2018	Downers Grove	Hydraulic fluid spill in intersection possible discharge to storm sewer	Hydraulic fluid was contained to paved roadway and was not discharged to storm sewers. Contracted company to clean roadway
12/11/2018	Unincorporated Lisle	Citizens report of soap suds in stream south of Burlington Ave	Suds observed in stream. Sampled water contained surfactants. Could not determine source of illicit discharge. Ongoing

**C5. Illicit Source Removal Procedures**

**Goal:**

*Distribute educational materials pertaining to illicit discharges to DuPage County residents and businesses. DuPage County maintains a partnership area-wide Illicit Discharge Detection and Elimination Hotline as well as an online Citizen Reporter Application, where the public is able to report suspect discharges in addition to other water quality concerns, such as erosion or stream blockages. Publications and notices advertising these resources are created, updated, and distributed.*

**Milestone (Year 1):**

*Advertise or promote the IDDE Hotline or Citizen Reporter App 5 times through publications, notices, and at events*

**Status:**

County staff has created 22 brochures and flyers for distribution as discussed earlier in the education and outreach section of this report. These publications are distributed at each event the County attends as an exhibitor (also discussed in education and outreach section). These documents are available on our website at:

[https://www.dupageco.org/EDP/Stormwater\\_Management/1163/](https://www.dupageco.org/EDP/Stormwater_Management/1163/)

**C7. Visual Dry Weather Screening**

**Goal:**

*Perform the visual screening of MS4 outfalls discharging to Waters of the State during dry-weather conditions.*

**Milestone (Year 1):**

*Inspect, during dry weather, all known outfalls within the East Branch DuPage River watershed that fall within the partnership area. Additionally, priority outfalls will be inspected.*

**Status:**

The East Branch of the DuPage River was the target watershed for the 2018/19 monitoring season. 745 outfalls were visually inspected for illicit discharges within the East Branch.

DuPage County staff continued using the ESRI Arc Collector app for outfall inspections. This allows us to track outfall inspections digitally, eliminating the need for paperwork. Outfall inspection and testing information is entered directly into the database, which is also linked to the outfall map. The storm sewer inventory has also been converted into the Arc Collector app. This allows staff to view the storm sewer atlas on a tablet or smartphone, which increases efficiency in illicit discharge tracing.

Additional IDDE inspections conducted by Co-Permittees

MUNICIPALITY	Illicit Discharge Detection and Elimination
Addison	Addison has identified 121 outfalls and each was visually inspected and the conditions recorded. All outfalls were normal and records are available for review in our office. The Village continues to inspect and monitor 21 primary storm sewer/waterway locations on a continuous basis (see Outfall Data results attached).

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Bartlett	Bartlett PW also inspects numerous outfalls, detention basin discharge points and misc. discharge points (FES) after storm events and/or complaints.
Bensenville	The Village responded to IDDE incidents on 3-25-18; 5-1-18 and 5-10-18.
Bloomingtondale	Annual Inspection of Stormwater Detention/Retention basins and outfalls
Carol Stream	Public Works conducted fourteen (14) outfall inspections. b. On March 22, 2018, Engineering notified Public Works of a red/orange discharge of an unidentified substance at the southeast corner outfall in the Tubeway Drive detention pond located immediately west of 170 Tubeway Drive. An inspection of a sump pit located in the southwest corner of the building located at 170 Tubeway Drive revealed a substance in the base which appeared to match in color and composition to the discharge at the outfall. Inspection of a manhole between the pond outfall and the interior sump pit revealed a similar substance. On March 23 the property owner was ordered to cease and desist discharging from the sump pit until further notice. Grab samples were taken at the outfall, manhole and sump pit and sent for analysis. DuPage County Stormwater staff (Marybeth Falsey) was copied on correspondence with the property owner. Test results indicated that the source of the discoloration was very likely rust/iron. Property owner was required to clean the sump pit and replace any rusted components (and to capture flush water to prevent further discharge). Property owner was also required to clean any remaining solids at the outfall. Following compliance with Public Works instructions to clean infrastructure, a follow-up inspection was performed and determined that the threat of illicit discharge no longer existed. The location was inspected weekly for several weeks and no evidence of additional discharge was found.
Darien	Staff periodically inspects outfall for illicit discharge.
Downers Grove	There were two potential IDDE locations in the last year but no enforcement required.
Elmhurst	To reduce and eliminate ESOs into Salt Creek, City staff and RJN continue to do extensive investigations into the sanitary system including testing, inspecting, and monitoring. With this information, the City has greatly improved the sanitary sewer system to reduce I&I that causes the ESOs. The City also checks flap-gates at Salt Creek every couple years.
Glen Ellyn	Annual inspection of outfalls performed during dry weather, no issues found

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Glendale Heights	Erosion discharge reported in 12/2018 from boring activities being performed by Navarros Underground at 999 Regency Drive. Citations were issued by the VOGH and compliance was achieved. A local carnival was dumping into illicit materials into storm sewer system in 7/2018. A Violation Notice was given and immediate corrective action taken.
Lisle	Outfall Inspections Completed, example report for March 11, 2019 attached. Outfall inspections were completed in July 2018, October 2018 and March 2019. The Village flushes obstructions in storm structures (inlets, catch sewers, cleans storm basins and manholes) and repairs storm sewer infrastructure as needed.
Lombard	Outfalls on the East Branch DuPage River are visually observed by canoe during the River Sweep
Naperville	From March 2018 to March 2019, Naperville investigated stormwater complaints at the following locations: The detention pond in Bond Street between McDowell Road and LaSalle Avenue; 35 West Jefferson (behind Potter's), and 944 W 75th Street (Jiffy Lube). All cases have been looked into, resolved and closed. Also, Naperville has an intergovernmental agreement in which the city reimburses DuPage County for outfall inspections performed on the portion of the DuPage River located in Will County.
Naperville Township	Vac all drainage sumps once a year.
Oakbrook Terrace	City Engineer and staff periodically inspect outfalls for illicit discharge.
Roselle	See attachment
Wayne	Village Engineer periodically inspects outfall for illicit discharge.
West Chicago	One enforcement action taken. 10/25/18 report of gas spill in the detention pond at the Thorntons fuel station located at Rt. 59 and Rt. 38. The contaminate was contained in the pond, Code enforcement monitored cleanup over a period of five days 10/25/18 - 10/29/18.
Westmont	Village's Public Works also performs annual inspections of our outfall locations. Staff will also assist with any Illicit Discharge complaints
Wheaton	Staff inspected 15 critical outfalls where runoff is from industrial/commercial sources
Willowbrook	Village Engineer periodically inspects outfall for illicit discharge.
Winfield	They're continuous throughout the twnshp for illegal discharge into ditches / storm drains
Wood Dale	The City inspects and cleans all detention basins and outfalls on a monthly basis and contacts facility owners as appropriate.

Woodridge

The Village investigated an alleged stormwater complaint in December 2018 that was tendered to Bolingbrook for follow up.

## C8. Pollutant Field Testing

### Goal:

*Conduct monitoring for the following chemical parameters when visual characterization of the discharge indicates an illicit nature: surfactants, ammonia, potassium, fluoride, conductivity, and pH.*

### Milestone (Year 1):

*Chemically test all visually suspect dry weather discharges that are observed.*

### Status:

Among the 745 outfalls monitored in 2018, 26 were releasing a suspect discharge and sampled. Most of the flowing outfalls had no observable indication of illicit discharges, such as color, odor, turbidity or floatables. The following table shows the water quality data for the 26 outfalls that were sampled out of the 745 inspected outfalls.

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Outfall Key	Date	Discharge	Color	Odor	Turbidity	Floatables	pH	Temp °C	Conductivity (us/cm)	Salinity	Ammonia	Surfactant	Fluoride
9234023-0507696	6/6/2018	Moderate	Clear	None	None	None	7.57	17.7	655	0.3	0	0.2	0.3
9232561-0504881	6/6/2018	Substantial	Clear	None	None	None	7.66	17	811	0.4	0	0.2	0.3
9240423-0551437	6/6/2018	Trickle	Clear	None	None	None	8.12	16.1	0	3.2	0.03	0.5	0
9243148-0554762	6/15/2018	Trickle	Clear	None	None	Other	6.8	18.7	2379	1.2	0	0.25	0
9228025-0568442	6/15/2018	Trickle	Clear	None	None	None	8.13	20	1737	0.9	0	0.25	0
9232973-0566016	6/15/2018	Moderate	Clear	None	None	None	8.1	18.5	1480	0.7	0	0.25	0
9201323-0544295	6/15/2018	Substantial	Clear	None	None	None	8.26	22	1106	0.5	0	0.25	0
9199999-0544542	6/15/2018	Trickle	Clear	None	None	None	7.8	24.5	5100	2.7	0	0.25	0
9147915-0635674	7/5/2018	Trickle	Clear	None	None	None	7.54	22.4	1219	0.6	0	0.25	0.2
9151190-0618900	7/5/2018	Trickle	Clear	None	None	None	7.32	26.1	934	0.5	0	0.25	0.4
9112521-0521562	7/10/2018	Moderate	Clear	None	None	Suds	7.2	22.2	800	0	0.2	1	0
9039387-0683826	7/11/2018	Moderate	Clear	None	None	None	7.34	25.2	853	0.4	0	0.25	0
8921955-0698320	7/11/2018	Moderate	Clear	None	None	None	7.81	21.4	2239	1.2	0	0.25	0
8921940-0698205	7/11/2018	Moderate	Clear	None	None	None	8.02	20.9	1963	1	0	0.25	0.2
8866005-0683143	7/11/2018	Moderate	Clear	None	None	Suds	7.73	25.2	1179	0.6	0	0.25	0.4
8757700-0670394	7/11/2018	Trickle	Clear	None	Slight	None	7.29	23.1	1190	0.6	0	0	0
8797699-0703986	7/18/2018	Moderate	Yellow	None	None	Suds	7.78	21.9	3622	1.9	0	0.5	0
9129768-0607299	7/26/2018	Moderate	Clear	None	None	None	8.1	21.7	2486	1.4	0	0.25	0.3
9083097-0569272	7/26/2018	Moderate	Clear	None	None	None	8.12	20.7	2582	1.5	0	0	0.4
8674903-0417874	9/12/2018	Moderate	Clear	None	None	None	7.51	22.5	1749	0.9	0	0.25	0
8670429-0430231	9/12/2018	Moderate	Clear	None	None	None	7.67	20.3	1506	0.8	0	0.25	0
8659663-0761862	10/19/2018	Moderate	Gray	None	Cloudy		0	0	0	0	0	0	0
8659663-0761862	10/19/2018						7.52	18.5	1176	0.6	0	0.25	0
8645360-0736267	10/25/2018	Trickle	Clear				7	13.7	1322	0.7	0	0.25	0.5
8655103-0667668	10/26/2018	Trickle	Clear	None		Oil	6.7	13.6	1110	0	0	0.2	0.4
8789475-0764753	12/19/2018	Trickle	Clear	None			0	8.1	807	0	0	3	0

**C9. Public Notification**

**Goal:**

*In the event of a large-scale release of pollutants to Waters of the State that has potential for human health impacts, DCSM will work with Emergency Management officials to notify affected community officials as well as a press release.*

**Milestone (Year 1):**

*Notify affected parties in the event of a large-scale release of pollutants into Waters of the State that has potential health impacts.*

**Status:**

*No large-scale releases of pollutants into Waters of the State occurred during the monitoring year.*

**Section D:****Construction Site Runoff Control****D1. Regulatory Control Program****Goal:**

*Soil erosion and sediment control regulations for DuPage County are regulated by the DuPage County Countywide Stormwater and Flood Plain Ordinance.*

**Milestone (Year 1):**

*Review and update the Ordinance as needed to ensure that sediment and erosion control provisions are up to date and reflect the current best practices.*

**Status:**

Article VII of the DuPage County Stormwater and Flood Plain Ordinance outlines sediment and erosion control requirements. No revisions were made to Article VII during the reporting year. Partner MS4s within DuPage County follow the Countywide Ordinance. Those MS4s whose boundaries fall outside the DuPage County limits may follow County or municipal Ordinances all of which must be as stringent as the ILR40 soil erosion and sediment control regulations at a minimum.

**D2. Erosion and Sediment Control BMPs****Goal:**

*The DuPage County Countywide Stormwater and Flood Plain Ordinance requires temporary and permanent soil erosion and sediment control for developments over one acre to prevent the discharge of pollutants into waterways.*

**Milestone (Year 1):**

*Require sediment and erosion control on 100% of development sites over one acre.*

**Status:**

Under the *DuPage County Countywide Stormwater and Flood Plain Ordinance*, co-permittee villages and cities may elect to review and inspect development sites for soil erosion and sediment control, or they may elect to defer oversight to DuPage County. During the reporting year, each co-permittee that issued development permits required soil erosion and sediment control for sites over one acre (and in many cases all size developments) to minimize the discharge of pollutants into waterways. Records are kept within each regulatory agency office.

#### **D4. Site Plan Review Procedures**

**Goal:**

*The DuPage County Countywide Stormwater and Flood Plain Ordinance requires a Stormwater Permit for developments over a certain threshold of site disturbance as well as developments in wetlands, buffers, and floodplain. All development permits are reviewed for soil erosion and sediment control. The County and Municipal permit partners have successful regulatory permitting programs under the DuPage County Countywide Stormwater and Flood Plain Ordinance and will continue to implement and update these programs as necessary.*

**Milestone (Year 1):**

*Review soil erosion and sediment control plans for 100% of development permits over one acre.*

**Status:**

All co-permittee MS4s with development permit review authority reviewed soil erosion and sediment control plans for 100% of development permits over one acre (and in many cases all size developments). Records are kept within each regulatory agency office.

#### **D5. Public Information Handling Procedures**

**Goal:**

*DuPage County Citizen Reporter App allows residents throughout the partnership area to report water quality issues, including soil erosion and sediment control complaints. The County addresses complaints within unincorporated and non-waiver areas. Complaints generated from Full Waiver or Partial Waiver Communities are forwarded to the Municipality. The County and Municipalities also receive and respond to soil erosion and sediment control concerns sent directly from the public.*

**Milestone (Year 1):**

*Investigate and track all soil erosion and sediment control reports to the County and Municipalities each year.*

**Status:**

Reports regarding soil erosion and sediment control from developments are submitted to the County as well as municipalities. Co-permittees communicate with one another to share reports and locate possible sources

from development sites. All soil erosion and sediment control complaints were investigated by the County or the municipality during the reporting year. Records are kept within each regulatory agency office.

## **D6. Site Inspection/ Enforcement Procedures**

### **Goal:**

*Inspect all development sites to ensure the soil erosion and sediment control requirements are being met.*

### **Milestone (Year 1):**

*County and Municipal inspectors enforce soil erosion and sediment control regulations and conduct regular inspections to ensure compliance. Inspection reports are kept within each regulator agency for tracking and reporting purposes. Continue with site inspections and code enforcement procedures. Ensure staff has proper qualifications to conduct soil erosion and sediment control inspections.*

### **Status:**

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites for soil erosion and sediment control, or they may elect to defer oversight to DuPage County. Each co-permittee that issued development permits inspected for soil erosion and sediment control measures at sites over one acre (and in many cases all size developments) to minimize the discharge of pollutants into waterways. Records are kept within each regulatory agency office.

## Section E:

### Post- Construction Runoff Control

#### E2. Regulatory Control Program

##### Goal:

*The post construction runoff rate is restricted through the Countywide Ordinance which requires all developments increasing impervious area by 2,500 square feet or more to include Post Construction Best Management Practices.*

##### Milestone (Year 1):

*Continue to require post construction best management practices in accordance with the Countywide Ordinance. Implementing and utilizing the DuPage County BMP Manual will reduce post construction runoff pollutants and will ensure discharge from developed sites will be treated. Work through the Municipal Engineers Group to update Technical Guidance regarding Post Construction BMPs. Review and revise the Ordinance and/ or BMP Manual as needed to reflect new information and standard practices.*

##### Status:

- The DuPage County Countywide Stormwater and Flood Plain Ordinance (DCCSFPO) was reviewed in 2016 to determine if updates were needed in order to comply with the updated ILR40 permit. As the DCCSFPO is a countywide ordinance, the regulations apply to the entire county and all municipalities must be at least as stringent as the DCCSFPO. Staff continues with the review of the ILR40 and the DCCSFPO (last updated in 2013) to comply with additional requirements included with the 2016 revisions to the ILR40 permit (2016). Review and discussions continued into this reporting year. Staff determined the BMP section of the DCCSFPO will require an update. This revision is being discussed and evaluated with cooperation from co-permittee agencies.
- A subgroup to the DuPage County Municipal Engineers group was created to provide technical assistance and guidance materials. This subgroup generated sample specifications for a dry well, permeable paver system, and rain garden which has been made available online. The samples are used as a template for the design of these practices on residential properties. The group continues developing inspection checklists for long term maintenance and monitoring.

### E3. Long Term O&M Procedures

**Goal:**

*The Ordinance requires site runoff storage facilities to be put into an easement. All Post Construction BMPs with a tributary area greater than one (1) acre require a three year maintenance and monitoring period.*

**Milestone (Year 1):**

*Require and accept easements over site runoff storage facilities and maintenance and monitoring periods for BMPs with a tributary area of one acre or more.*

**Status:**

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites or they may elect to defer oversight to DuPage County. Each co-permittee that issued development permits required easements over site runoff storage facilities and required three-year maintenance and monitoring periods for BMPs on sites with a tributary area of over one acre (and in many cases all size developments) to minimize the discharge of pollutants into waterways. Records are kept within each regulatory agency office.

### E4. Pre-Construction Review of BMP Designs

**Goal:**

*The DuPage County Countywide Stormwater and Flood Plain Ordinance requires developments to provide post construction BMPs when impervious cover thresholds exceed 2500 square feet.*

**Milestone (Year 1):**

*The DuPage County BMP Manual provides guidance on the design and implementation of development practices that prevent stormwater quality degradation and enhance the overall quality of stormwater. The BMP Manual promotes and gives guidance on the installation of vegetated filter strips, vegetated swales, infiltration systems, permeable pavers, manufactured structures, and stormwater detention BMPs such as dry detention basins, wet detention basins, constructed wetland detention basins, and underground detention basins. Review site development plans for compliance with the BMP sections of the Ordinance and document number of reviews*

**Status:**

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites or they may elect to defer oversight to DuPage County.

Each co-permittee that issued development permits required post construction BMPs on sites when impervious cover thresholds exceeded 2500 square feet. Records of numbers of reviews are kept within each reviewing agency.

## **E5. Site Inspections During Construction**

### **Goal:**

*The DuPage County Countywide Stormwater and Flood Plain Ordinance requires that permitting authorities utilize a qualified person with expertise in plant ecology for design review and construction observation of Post Construction BMP installations which rely on vegetation for water quality or runoff volume reduction and a soil scientist or geotechnical engineers or equivalent be utilized for infiltration BMPs. Each permitting agency reserves the right to inspect the construction site during construction to verify proper BMP installation for enforcement purposes.*

### **Milestone (Year 1):**

*DuPage County Stormwater will provide annual training opportunities for all permit partners staff to ensure that all MS4 employees and contractors who manage or are directly involved in routine maintenance, repair, or replacement of public surfaces in current green infrastructure or low impact design techniques applicable to such projects to ensure that they are able to identify proper BMP installation during construction. Appropriate staff of each partner agency shall attend training on green infrastructure and low impact design.*

### **Status:**

DuPage County Stormwater Management held a Green Infrastructure Seminar for MS4 Communities on December 13, 2018. This was advertised to all co-permittees. Approximately 200 staff members from MS4s were in attendance. The full agenda is included with this report as an attachment.

## **E6. Post-Construction Inspections**

### **Goal:**

*Conduct post construction inspections at sites containing BMPs with a native vegetation component for the duration of the establishment period or until performance standards are met.*

### **Milestone (Year 1):**

*Inspect 100% of sites containing native vegetation BMPs during the establishment period.*

### **Status:**

Under the DuPage County Countywide Stormwater and Flood Plain Ordinance, co-permittee villages and cities may elect to review and inspect development sites for post construction BMPs, or they may elect to defer oversight to DuPage County. Co-permittees can delegate this role to DuPage County, complete it with in house staff, or hire a consultant to complete the work. Records are kept within each regulatory agency office.

## Section F:

### Pollution Prevention/ Good Housekeeping

#### F1. Employee Training Program

##### Goal:

*Provide training to partner agencies' staff on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system. Examples of training topics include automobile maintenance, hazardous material storage, landscaping and lawn care, parking lot and street cleaning, pest control, pet waste collection, road salt application and storage, roadway and bridge maintenance, spill response and prevention, and storm drain stenciling.*

##### Milestone (Year 1):

*Provide training to MS4 supervisors overseeing municipal operations and contractors on green infrastructure and practices that will minimize the discharge of pollutants from municipal operations into the storm sewer system.*

##### Status:

On May 10, 2018, DuPage County Stormwater Management held a Pollution Prevention Seminar for MS4 Communities. The county hosted the seminar which was free of charge to provide an opportunity for municipalities to receive training in Pollution Prevention in accordance with the annual training requirements of the ILR40. All participants received a certificate of attendance. The following municipalities were in documented as registered. This event was advertised and open to all co-permittees.

On October 25, 2018 DuPage County partnered with the DuPage River Salt Creek Workgroup in holding the Public Roads Deicing Workshop. This workshop was free of charge to provide an opportunity for municipalities to receive training in Pollution Prevention in municipal operations in accordance with the annual training requirements of the ILR40. Attendance included 147 registered participants, 13 presenters/staff, 7 committee members/guests, and 7 sponsors/exhibitors amounting in a total attendance of 174 individuals. All participants received a certificate of attendance. More information on this event is included in the attachments section.

On October 18, 2018, DuPage County partnered with the DuPage River Salt Creek Workgroup in holding the Parking Lots and Sidewalks Deicing Workshop. This workshop was free of charge to provide an opportunity for public and private facilities maintenance staff to receive training in reducing salt use and water quality impacts from chlorides. Attendance included 82 registered participants, 5 presenters/staff, 2 exhibitors/staff for a total of 89 individuals. All participants received a training certificate and participants who successfully completed the test are recognized on DuPage County Stormwater Management's Water Quality – Pollution Prevention/Good Housekeeping web page. More information on this event is included in the attachments section.

**F2. Inspection and Maintenance Program**

**Goal:**

*DCSM provides guidance materials on good housekeeping for municipal operations. Each partner agency has developed specific inspection and maintenance procedures for equipment and facilities.*

**Milestone (Year 1):**

*Each partner agency is responsible for ensuring that equipment and facilities are inspected and maintained during day to day operations to minimize discharge of pollutants into Waters of the State. Continue good housekeeping program of inspection and maintenance of equipment and facilities related to the prevention of polluted stormwater.*

**Status:**

Co-permittees oversaw their day to day activities in accordance with best practices to minimize pollutants into waterways.

Additional information and details on specific Good Housekeeping measures provided by MS4s:

MUNICIPALITY	Additional Good Housekeeping Information Provided By Co-Permittees			
Addison	See attachments			
Bartlett	See attachments			
Bloomington Township	All outflow structures inspected annually			
Carol Stream	Manholes were inspected and flushing completed on 10,000 lineal feet of storm sewer main			
	Twenty-five (25) catch basins were cleaned			
	Twenty-five (25) catch basins were rebuilt/repared			
	During this period 1,680 curb miles were swept and approximately 272 tons of sweeping debris collected.			
	Snow and ice operations:			
	Number of events:	Number of Events: 34		
		Total salt used: 2,698 tons		
		Anti-icing events: 18		
	Brine used: 80,586 gallons			

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	The following materials used in Public Works operations were recycled:			
		Motor oil: 3148 gallons		
		Scrap Metal: 60,619 pounds		
		Tires: 126		
		Vehicle batteries: 52		
		Vehicle parts: 33		
		115 cubic yards of spoil were tested and hauled		
		220 gallons of contaminated fuel was hauled and properly disposed		
Elmhurst	Elmhurst's stormwater ordinance is more restrictive than the County's and requires stormwater BMPs for almost all development that increases the impervious area. In addition, to encourage homeowners to construct stormwater BMPs, Elmhurst funds a stormwater			
Glen Ellyn	See attachments			
Hanover Park	The Environmental Committee hosts an annual recycling event, taking in light bulbs, batteries, oil and other difficult-to-recycle items. In addition, we have a rain barrel program and an adopt-a-highway program. In the reporting period, one local elementary school	See attachments		
Hinsdale	See attachments			
Itasca	The Village has all streets swept regularly during the spring, summer, and fall.	See attachments		

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Lisle	Outfall Inspections Completed, example report for March 11, 2019 attached. Outfall inspections were completed in July 2018, October 2018 and March 2019. The Village flushes obstructions in storm sewers, cleans storm structures (inlets, catch basins and manholes) and repairs storm sewer infrastructure as needed.	All maintenance and washing for the Public Works Department fleet is done in the Public Works garage, where floor drains are tributary to triple traps prior to discharging to the sanitary sewer system. Road salt and other materials are stored in covered shelters, or are covered if in open areas, to minimize exposure to rainfall. Lubricant and oil spills resulting from equipment maintenance are typically cleaned up using oil absorbing compounds, rather than housing down spill areas. The Village recycles vehicle fluids with Maxsafe Antifreeze and Lisle Township. Grass clippings are removed from streets when turf is mowed by Public Works employees and fertilizers and pesticide are not used within 50 feet of a waterway.	The Village participated in Adopt a Highway on Main Street in Lisle.	See attachments
Lisle Township	Lisle Township Road District purchased a newer Vac-Con truck to improve storm sewer cleaning abilities. Lisle Township Road District does an annual brush pick up the first Monday of each month May through October. Lisle Township Road District has an annual leaf			
Naperville Township	Brush pick up 6 times a year, leaf pickup in fall with vac machine	Continue to use beet juice to reduce salt usage.	All salt stored inside. Truck washing and oil storage inside, street sweeping twice a year.	Vac all drainage sumps once a year.

Oak Brook	See attachments			
Roselle	See attachments			
Warrenville	Warrenville sponsors a yearly Shredding and Electronics Recycling Event	See attachments		
Wayne Township	Inspection and maintenance are conducted on a regular schedule			
West Chicago	See attachments			
Wood Dale	Street sweeping is performed on a monthly basis between April and November. The City contracts with a waste hauler to collect brush and leaves from residents.			
Woodridge	See attachments			
York Township	We take pride in our department. We do our best and always help residents as best we can.			

### F3. Municipal Operations, Stormwater Control

#### Goal:

*While DCSM is compiling a comprehensive partnership area-wide storm sewer atlas, each partner agency is responsible for maintaining the storm sewer systems within their municipal, township, or county boundaries.*

#### Milestone (Year 1):

*Partner agencies have each developed their own schedules for street sweeping as well as storm sewer inspection, clean-out, and maintenance. A standard minimum schedule will be developed for partner agencies.*

#### Status:

During the first reporting year, co-permittees conducted street sweeping as well as storm sewer inspection, clean-out, and maintenance according to established schedules. These schedules will be reviewed in subsequent years to determine areas in need of improvement.

#### **F4. Municipal Operations Waste Disposal**

**Goal:**

*The ILR40 permit requires that procedures be developed for properly disposing of waste removed from the separate storm sewers and areas such as dredge spoil, accumulated sediments, floatables and other debris.*

**Milestone (Year 1):**

*Following storm sewer maintenance and cleanout activities, waste must be properly disposed of. DuPage County Public Works offers a Regional Vector Receiving Station. The station is part of a shared services initiative. It reduces the cost of disposal of public works waste and aims to keep pollutants out of area water supplies. The station processes the debris collected by public works and transportation vacuum tanker trucks. The waste is then separated into liquids and solids. The liquids are treated through the county's waste water treatment facility, while the solids are dried and eventually transferred to the garbage dump.*

**Status:**

During the first reporting year, co-permittees continued current practices to properly dispose of waste generated from storm sewer maintenance and cleanout. DuPage County continued to offer disposal facilities such as the Regional Vector Receiving Station.

#### **F5. Flood Management/ Assess Guidelines**

**Goal:**

*Ensure that new flood management projects assess the impacts on water quality and examine existing projects for incorporation of additional water quality protection devices or practices.*

**Milestone (Year 1):**

*Complete 1 watershed plan, or components thereof, approved by the Stormwater Management Planning Committee and County Board per year.*

**Status:**

During the reporting year, DuPage County, the DRSCW, and several co-permittees in the Salt Creek Watershed participated in completion of the Lower Salt Creek Watershed Plan, which is a water quality based plan designed to meet the EPA's 9 Elements of a Watershed Plan. This effort was spearheaded by the Chicago Metropolitan Agency for Planning.

During the reporting year, DuPage County staff also completed the Sugar Creek Watershed Plan. This flood control based plan covers Sugar Creek, which is a tributary to Salt Creek. Efforts were made to incorporate water quality improvements along with flood improvements.

**F6. Other Municipal Operations Controls****Goal:**

*Evaluate and encourage pre-wetting and anti-icing measures to reduce chloride runoff into waterways from roads and public surfaces.*

**Milestone (Year 1):**

*Deployment and use of pre-wetting and anti-icing measures by partner agencies.*

**Status:**

During the reporting year, DuPage County and co-permittees continued current practices for snow and ice removal on roads and public surfaces. More information on the chloride reduction efforts can be found in the attachments.

The DRSCW has attempted to track adoption of sensible salting BMPs in the program area since 2007. Monitoring ambient chloride concentrations has proven an imperfect metric for tracking efficiency trends in winter salt use. Tracking target BMP adoption in the program area provides opportunities to evaluate the impacts of the chloride management workshops; identify material for future workshops and form suppositions about salt use per unit of service expended inside the program area relative to 2006 levels.

In 2007, 2010, 2012, 2014, 2016, and 2018, the DRSCW distributed a questionnaire to approximately 80 municipal highway operations and public works agencies to obtain information about deicing practices throughout the program area. The DRAFT 2018 Deicing Program Summary Report is included in attachments.

## SECTION C

### **Monitoring Data**

DuPage County in partnership with the cooperating municipal and township permit holders listed in the cover letter have collected a substantial amount of information, including monitoring data, during the reporting period as members of the DuPage River Salt Creek Workgroup.

The DRSCW water quality monitoring program is made up of two components: 1) Bioassessment and 2) DO monitoring. Monitoring data is included as an attachment to this report.

**SECTION D**

**Proposed activities during the next reporting cycle:**

None at this time in addition to what is listed on the NOI.

## SECTION E

### **Reliance on other government entities:**

The co-permittees listed in the cover letter rely on established DuPage County programs to satisfy some of the General NPDES Permit No. ILR40 obligations for the six minimum control measures; Public Education and Outreach, Public Participation/ Involvement, Illicit Discharge Detection and Elimination, Construction Site Runoff Control, Post-Construction Runoff Control, and Pollution Prevention/ Good Housekeeping.

## SECTION F

**List of construction projects:**

<b>Project Name</b>	<b>Disturbed Acres</b>	<b>County Entity Constructing Project</b>	<b>Date of NOI</b>
Graue Mill Flood Protection Improvements	1.5	Stormwater Management / Village of Hinsdale	4/14/2016
Redmond Reservoir Expansion	5.6	Stormwater Management / Village of Bensenville	5/21/2018
55 <sup>th</sup> Street	15.5	Transportation	2/26/2017
Great Western Trail Project	2.13	Transportation	5/18/2018

Up to date list of current DuPage County projects can be found here:

[http://www.dupageco.org/EDP/Stormwater\\_Management/Water\\_Quality/1361/](http://www.dupageco.org/EDP/Stormwater_Management/Water_Quality/1361/)

**Attachments**